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RXXI/EM CoP Conference

Stability Operations and Capacity Building

The Civil Military Emergency Preparedness Program (CMEP) and Emergency Management International (EMI)

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Stability Operations and Capacity Building

The Civil Military Emergency Preparedness Program (CMEP) and Emergency Management International (EMI)

Readiness XXI & EM CoP Conference

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IWR and HQUSACE
Office of Homeland Security

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- Goals
- Mission
- Objectives
- Outcomes
- Services/Events
  - New Hampshire Program
  - Table Top Exercise
  - GIS Workshops
  - Civil Emergency Preparedness Survey
- Discussion

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CMEP Mission

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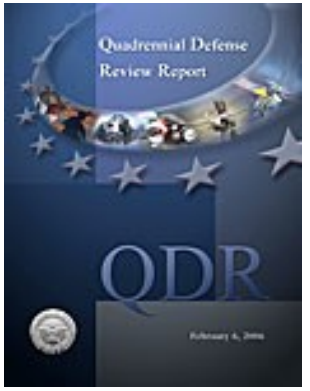
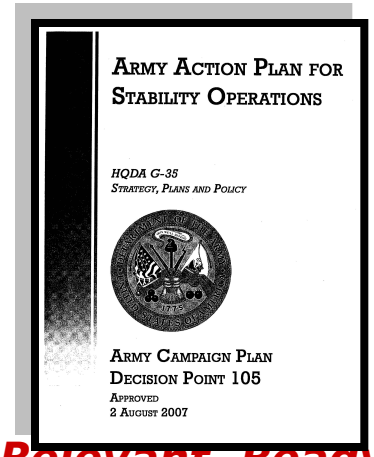
- Design and program bilateral and multi-national projects to achieve the partner's security cooperation objectives by enhancing civil-military cooperation in emergency planning.

- Encourage civil government leadership and military support to plan mutual support with national capabilities in international emergencies.

- In coordination with the OSD, COCOMS and US Country Teams, develop activities that support the US, Theater Campaign Plan, Ambassador's Plan and fulfill US and NATO Civil Emergency Planning (CEP) goals.





- "Execute Civil-Military Emergency Preparedness (CMEP) activities…" per Army Campaign Plan Decision Point 105.

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USACE CMEP Goals

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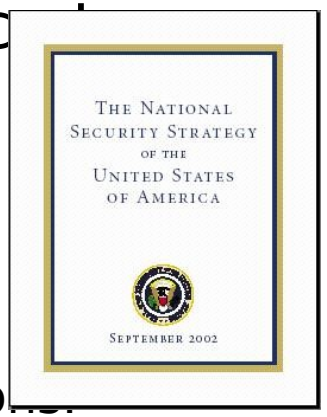
Develop professional civil-military emergency management competence and experienc



- Support US national and defense security strategies and guidance.
- Support activities that support US plans for stabilizing security which will lead to sustainable peace while advancing US interests – stability operations.
- Support international partner national and regional strategies relating to disaster preparedness and consequence management.
- Create reliable civil-military planning processes that are interoperable and sustainable by the partners using Internet applications
- Assist the partners in developing regional and national plans for catastrophic disaster response.
- Facilitate multi-national (“regional”) disaster preparedness and response cooperation with international and nongovernmental organizations capacity building.

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CMEP Objectives

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- Improve consequence management capabilities through scenario development, TTX events, and after action analysis and reporting.
- Improve existing capabilities of partnering country's emergency planners and GIS users through mentorship of other partners.
- Design events (conferences, workshops and tabletop exercises) to strengthen cooperation between US and partners.
- Build partner capacity to conduct theater security and stability operations with civil-military response plans and procedures (including all ministries) and in coordination with NGO's.
- Give priority to planning for consequences of any use of a weapon of mass destruction (WMD).
- Encourage partners to provide assistance during regional crises, using the tools provided during the CMEP events, thus promoting regional cooperation during natural and man-made disasters including WMD ensuring that today's issues are not tomorrow's crises.

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Workshop and TTX Characteristics

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•"Civil Protection" agencies (in MoI, MoD, separate agency or Ministry) lead inter-ministerial planning for realistic scenarios.

•Stress host nation's information-exchange with "neighbor" nations for "regional" cooperation.

•Moving from *Capabilities-Building* in workshops to *Enhancing the Ability* to sustain and implement specific plans for any risk.

•Apply PfP Information Management System (PIMS)-furnished Local Area Network and Internet.

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GIS Workshops Bi-Lateral and Regional

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Macedonia Regional GIS Workshop

Goals

- Define GIS
- Develop skills using GIS software
  - Create and edit
  - Manage data
  - Create maps with spatial data
- Identify resources required to build GIS
  - Discuss GIS hardware, software and data resources

Achieve Goals

- Work together in one group
- Practice using GIS software
- Practice using GIS and emergency managements operations on the data
- Create Maps
- Discuss GIS concepts and resources

Uzbekistan Bi-lateral GIS Workshop

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Sources of US Support

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- CMEP Workshops and TTXs are planned and executed by Host Nations with assistance led by US Army Corps of Engineers.

- CMEP is also represented by other US organizations:
  - Office of the Secretary of Defense (Policy)
  - US Country Teams
  - Combatant Commands and Joint Staff
  - FEMA and civil government agencies
  - PfP Information Management System (PIMS)
  - National Guard State Partnerships
  - Army Staff and Component Commands
  - Defense Security Cooperation Agency

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CMEP Results

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- **Application of relevant USACE capabilities to OCONUS national security and disaster cycle requirements**
- **More robust capabilities on the part of Partners including:**

  Greater resilience to respond to all hazards

  Building of regional networks of emergency/disaster agencies and responders

  Improved civil-military cooperation

  Enhanced knowledge and skills of Partners and USACE Emergency Management personnel

  Experienced civilian and military emergency planners

  Transfer of useful technologies including GIS

  Enhanced planning by Partners with regional group

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USACE CMEP Success

- **Proven success of CMEP as a tool for consequence assessment and management**
  - **More than 55 major activities with Partnership for Peace (PfP) partner countries in Eastern Europe and Central Asia since 1996**
  - **Establishment of relationships between military and civil authorities both within and between the PfP Partner countries, many of which are now NATO members. (A network of network of military and civil groups that respond to disasters.)**
  - **Improved theater security through development of new relationships and increased trust from participation in joint TTXs**
  - **Use of techniques tested in the first CMEP Black Sea Initiative Table Top Exercise (Tomis 2005) in Romania as the method for dealing with 3 outbreaks of avian flu in the Danube delta**
  - **Establishment by the nations of South Eastern Europe (SEE) of the SEE CMEP Council and CMEP support of the PfP Partner nations in this ongoing activity**

Civil Military Emergency Preparedness Events in Eastern Europe, Caucasus and Central Asia Since 1996

Ukraine	1996
Slovenia	1998
Bulgaria	1999
Kazakhstan	1999
Hungary	1999, 2000
Romania	2000 x 2
Macedonia	2000, 2002
Slovakia	2000
Lithuania	2000, 2001
Croatia	2001

Poland	2002 x 2
Albania	2002 x 2
Kyrgyz Republic	2002
Azerbaijan	2003
Armenia	2004 x 2
Bosnia-Herzegovina	2004
Estonia	2004
Georgia	2004 x 3
Tajikistan	2004
Bulgaria (BSI)	2004
Bosnia-Herzegovina	2005 x 3

Macedonia	2005 x 2
Romania (BSI)	2005 x 3
Serbia-Montenegro	2006
Albania	2006 x 2
Georgia (BSI)	2006 x 3
Romania SEE Council	2006
Georgia (BSI)	2007
Bosnia-Herzegovina SEE	2007 x 2
Macedonia	2007
Uzbekistan	2007
Kazakhstan	2007

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Summary

- CMEP provides USACE experience to Warsaw Initiative countries
- EMI can deliver CMEP and other USACE capabilities globally

- CMEP and EMI bring wide-ranging US support:
  - USACE Emergency Management experience
  - 34,000 engineers and scientists
  - Broad-based GIS experience
  - PREACT software for EM response and recovery
  - TTX Support Tool
  - CMEP-developed services
- CMEP supports Stability Operations and involves Capacity Building in Partner Nations

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QUESTIONS?????

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Back-Up Slides
(Details)

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"Democracy 101" and 'Disaster Preparedness in a Democracy' Seminars –

- Partners from newly emerging democracies to the US for 5-6 day seminar on US democratic process.
- Explains how disaster preparedness and emergency management is conducted in the US.
- Participants attend presentations from leaders in local, state and national government on planning and democratic processes.
- Participants also hear from local, state, national, and private emergency management providers on how planning and response operations are conducted at each level of the government.
- Experts from appropriate US agencies and departments present specific information on the US NRP and other relevant response plans and mechanisms.
- This series is usually hosted by the University of New Hampshire with invitations to participate to the SPP partner for each nation.

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Table Top Exercises –

- This exercise option can be used to assist nations in exercising new or revised response plans.
- Facilitators will assist in developing scenarios to test the plans and "train the trainers". This allows national experts to develop national exercises to increase capability and improve response functions as well as to evaluate existing plans and procedures.
- This type of exercise is scalable, but will generally involve 2-3 experts attending 2 each 2-3 day planning sessions with the nation and 3-5 facilitators at the TTX.
- Facilitators will be exercise and EM experts from USACE and other pertinent agencies, as required. Additional expertise will be obtained through the participation of NATO, the UN and other international agencies.
- National Guard SPP participation will be encouraged for these events.

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- **Bilateral Table Top Exercises** - This exercise option can be used to assist nations in exercising new or revised response plans. Facilitators will assist in developing scenarios to test the plans and "train the trainers". This allows national experts to develop national exercises to increase capability and improve response functions as well as to evaluate existing plans and procedures. This type of exercise is scalable, but will generally involve 2-3 experts attending 2 2-3 day planning sessions with the nation and 3-5 facilitators at the TTX. Facilitators will be exercise and EM experts from USACE and other pertinent agencies, as required. Additional expertise will be obtained through the participation of NATO, the UN and other international agencies. National Guard SPP participation will be encouraged for these events.

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- **GIS Workshops** - GIS workshops are bilateral or multilateral events that assist nations with developing the GIS skills necessary to develop databases, collect and analyze data, produce maps, perform consequence analysis, and better manage disasters. The workshops will bring 2-4 GIS experts to the nation to assist in defining data requirements and identifying procedures for GIS integration into disaster management activities. Facilitators will evaluate and assist national GIS experts in improving competencies including the ability to provide information to national decision makers during a crisis as well as to increase the flow of data and information between the nation and NATO allies and partners. Additionally, the GIS experts will evaluate the adequacy of available hardware for installation of GIS software and peripherals and make recommendations concerning possible upgrades. Workshops will be 4-5 days in length and be developed based on the needs of the nation(s) and the existing level of expertise. Workshops can be conducted in country or in Germany at the USACE Europe District's International Engineering Center in Wiesbaden.

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- **Regional GIS Workshops** – These are similar to the standard GIS workshops in scope but aimed at the countries in a region. This type of workshop focuses on developing regional databases of response assets and the development of GIS capabilities that can be used during response to a disaster of regional significance. Facilitators assist GIS practitioners from participating nations in developing geospatial and other disaster-related data consistent with NATO standards and international usage to facilitate information exchange between participating nations, NATO EADRCC, UNOCHA, and other relevant international bodies.

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Civil Emergency Preparedness Survey

- This option can be used to assist Partners in evaluating the present status of its civil emergency preparedness and response capabilities including ties to military resources.
- A CMEP and COCOM team meets with members of the civil emergency preparedness agencies and ministries, as well as with other ministries and organizations responsible for emergency preparedness and response.
- Examines status of existing interagency capacity, cooperation and interoperability, requirements for preparedness and identifies needs and areas for improvement in roles and missions, organizational structures and preparedness and response plans.
- The current use of information technology and data availability and exchange will be examined and recommendations for the use of the geospatial technologies (remote sensing and GIS proposed).

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- **Response Plan Development Workshop Series (Lessons Learned/Best Practices)** - This workshop series is intended for nations developing new National Response Plans. The workshops focus on the interagency development of an all hazards plan with annexes for specific disaster types occurring to the region. Best practices and lessons learned in US response and the development of the US NRP will be used to illustrate the need for a unified plan developed and administered in an interagency environment. The workshop will be facilitated by 3-5 emergency planners/experts from USACE and other relevant US agencies and last 2-4 days with 1-3 meetings, depending on current state of planning in country.

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- **Interagency Crisis Management System/Plans Review Workshops** - Similar in scope to the Response Plan Development Workshops, these workshops are designed to assist nations that either already possess an all hazards response plan, or are currently working on one, to improve disaster preparedness and response capabilities and to develop the Standards and Procedures necessary for implementation of the plan. The workshop involves hands-on work by interagency participants who review, evaluate, and improve existing response plans and address necessary capabilities. This workshop lasts 2-4 days based on the strength of existing plans and work needed to update them. In some cases a follow up workshop of 2 days will be scheduled to assist in implementation of recommendations.

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- **Crisis Management Center Development Workshops** - These workshops will assist nations in developing a 24/7 Crisis Management Center that will act as a focal point for command and control during a disaster situation. The workshop will look at the legal aspects of creating a multi-agency Crisis Management Center and the staffing requirements and Standards and Procedures needed to successfully operate it. The workshop focuses on lessons learned and best practices from the US and other NATO allies with emphasis on the Nation Response Coordination Center (NRCC) SOP used in the US. This workshop will integrate plans and procedures from the nation's National Response Plan to create a Center for C2 activities during disaster response. This workshop will be facilitated by 3-5 experts from USACE and other relevant US agencies for 3-5 days. An additional follow up workshop on implementation can be scheduled for 2 days with 3-5 facilitators depending on the needs of the nation.

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- **Regional Exercises** - Similar to the bilateral TTXs but focusing on a regional group of nations, this type of exercise will focus both on national and regional and international response activities. This type of exercise will be tied to international agencies such as NATO EADRCC, UN-OCHA, and others and will focus on increasing regional response capability and information exchange between regional partners. GIS usage is an important part of the regional exercises and will be heavily supported. This type of exercise is facilitated by 3-5 planning and exercise experts from USACE, SPP, and other relevant US agencies plus 1-2 GIS experts and involves a series of planning events (1 2-3 day with host nation and 1 2-3 day with all participants) followed by a TTX facilitated by 5-7 planning and exercise experts and 1-2 GIS experts during a 3-5 day event.

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- **Personnel Exchange and Participation in US-based Planning Exercises** - National delegations can be invited to exchange personnel during US response operations to gain experience in the response process and see first hand how the US response system operates. This type of exchange is beneficial to countries with existing plans seeking to develop strategies to improve their existing response capabilities. Similarly, national delegates can attend US-based planning exercises to see the planning process in action. This type of exchange will be very beneficial to countries with existing response plans that are interested in improving the planning process to prepare for disaster response operations. Operational or Planning Exercise exchanges will involve bringing 3-12 national response experts from the nation to the US for 5-7 days. Travel will be coordinated through and with the approval of the US embassy in country.

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- **Critical Infrastructure Protection Seminars** – These seminars assist participants in addressing considerations essential to the identification, assessment, and ranking of vulnerabilities, and discuss approaches to reducing the consequences of challenges to structures, drawing upon the extensive USACE experience in critical infrastructure protection. Topics that will be covered include assessing risk, identifying the security that is necessary to provide protection from specific hazards, and identification of a range of protective measures including fences, gates, locks, lights, sensors, alarms, and structural hardening. Anti-terrorism Research and Development is discussed for areas including threat definition, blast effects, damage prediction, decision aids, regional monitoring, consequence assessment, a variety of structural alternatives, and recovery measures. Self-healing and self-diagnosing buildings are also discussed.

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- **Special Topics/Functional Area Seminars** - Special topics or functional area seminars can be developed to address specific needs of countries that have requested assistance with specific issues related to disaster response, planning, or Humanitarian Assistance operations. Time and scope of events will depend on subject area. Most will involve 3-5 subject mater experts traveling to the host country for 3-5 days to address the specific issues requested by the country. Facilitators will be selected from US agencies and organizations as determined by the subject area requested by the nation.

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